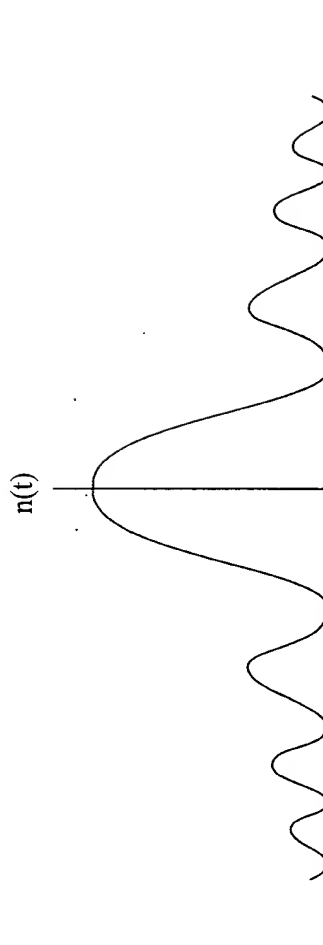
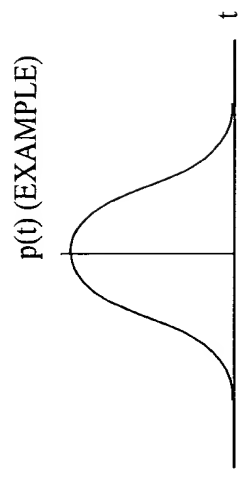
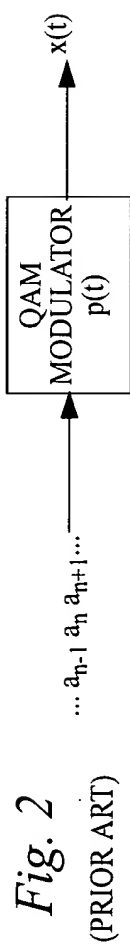


*Fig. 1*  
(PRIOR ART)



*Fig. 13*  
(PRIOR ART)



*Fig. 3*  
(PRIOR ART)

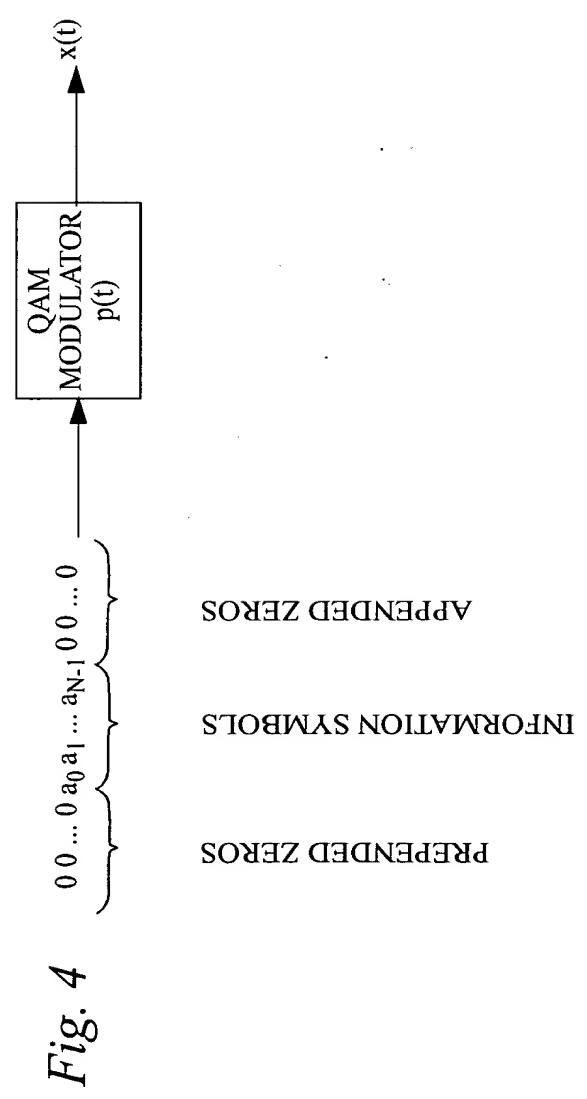


Fig. 5

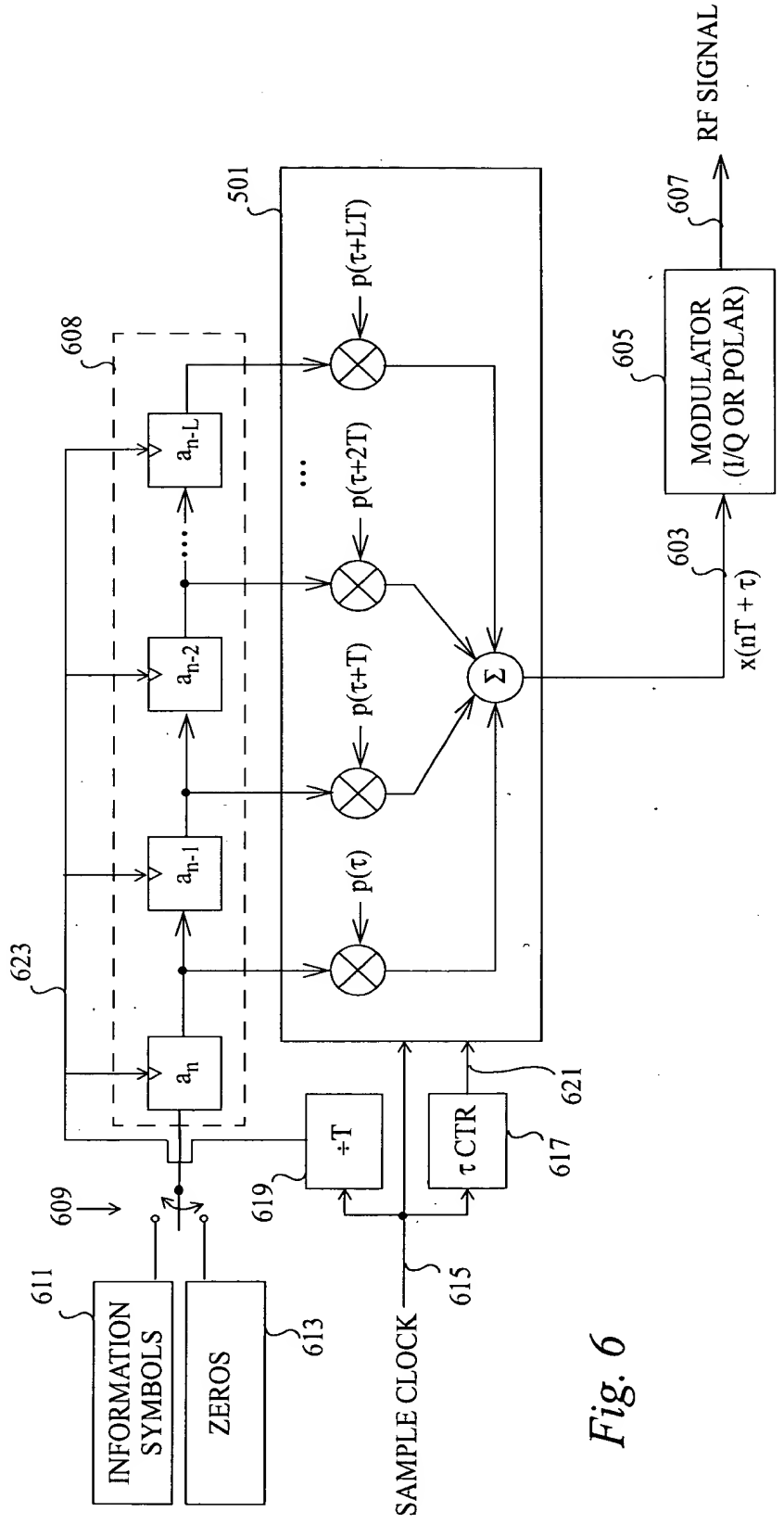
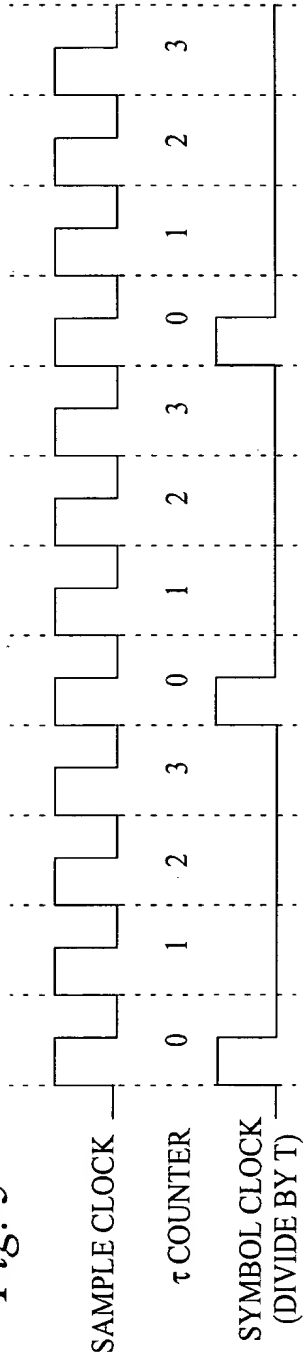


Fig. 6

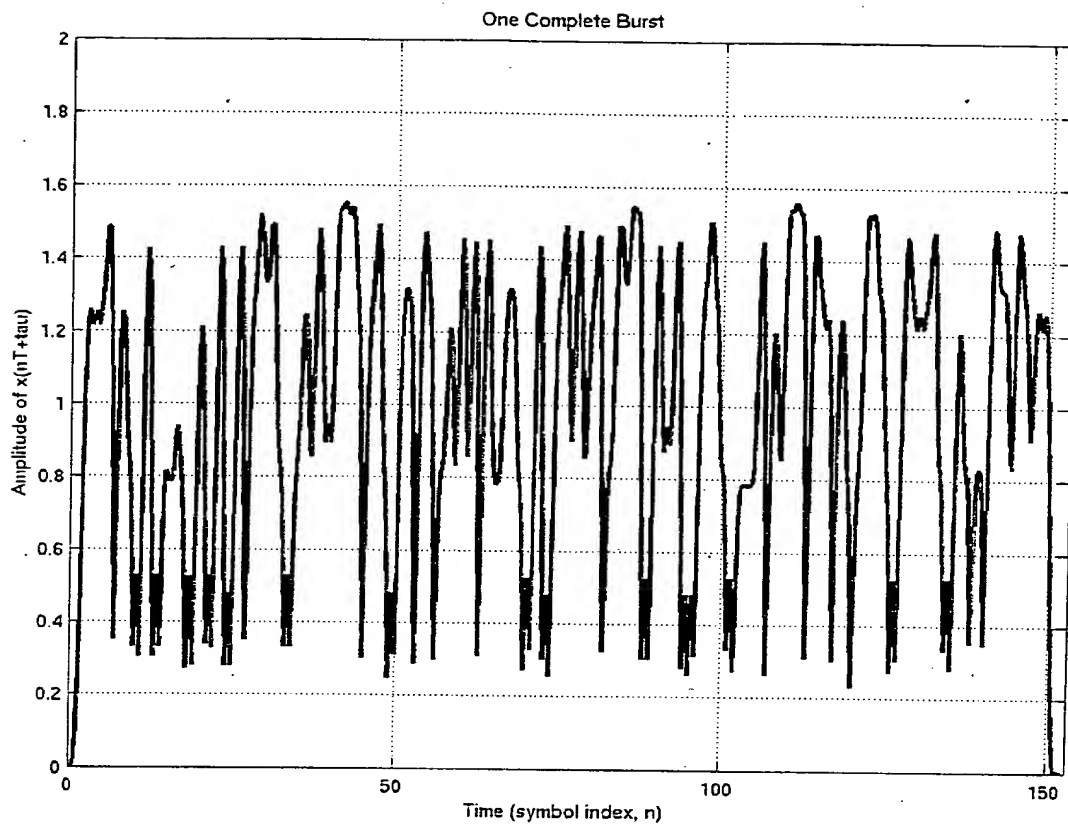


Fig. 7

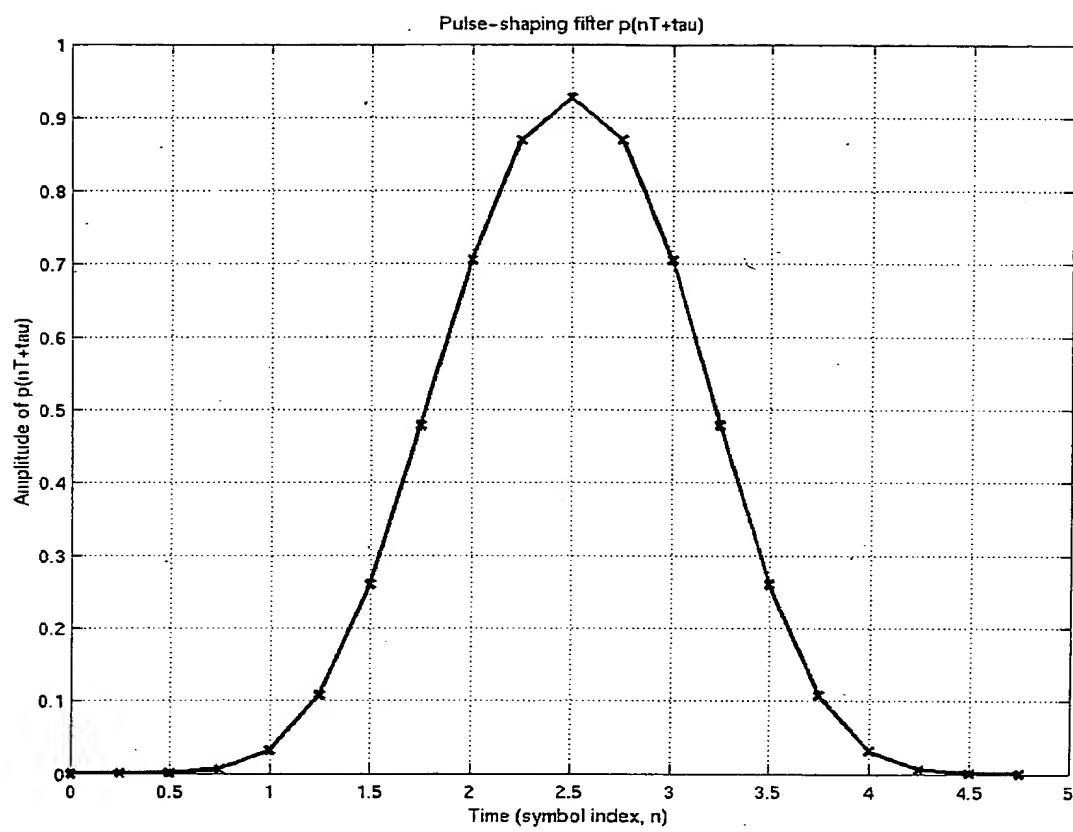


Fig. 8



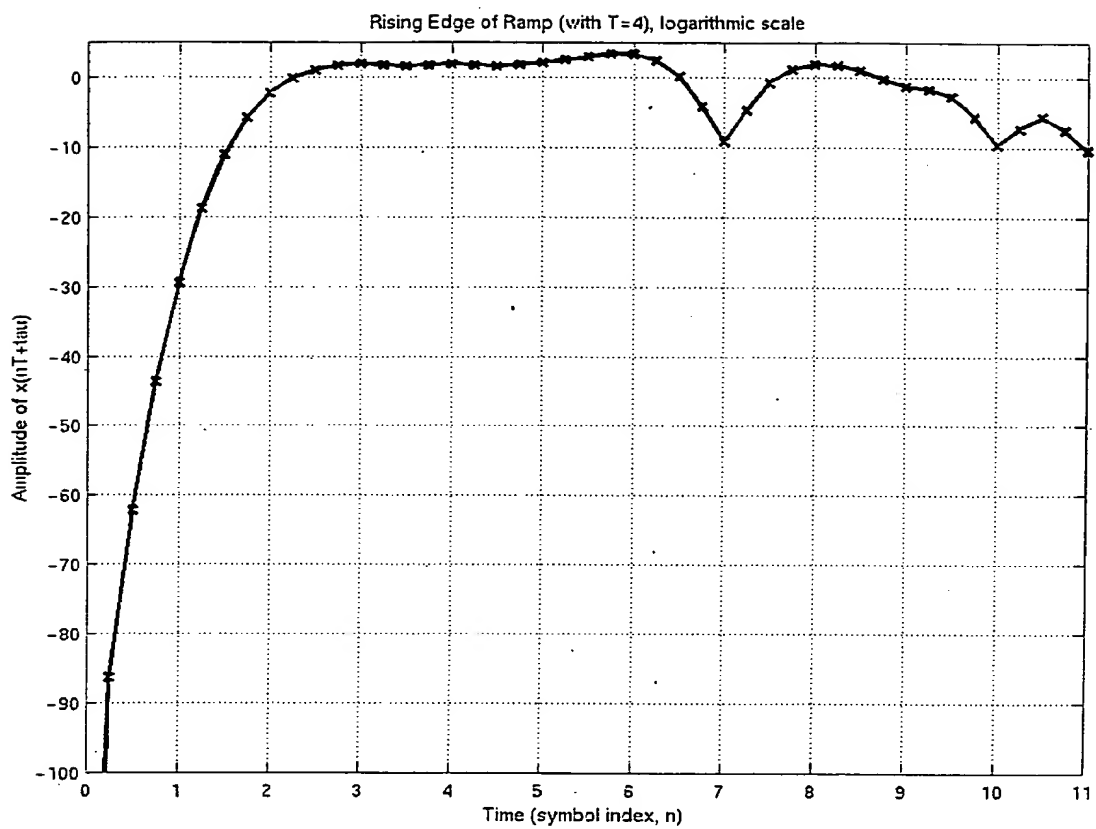
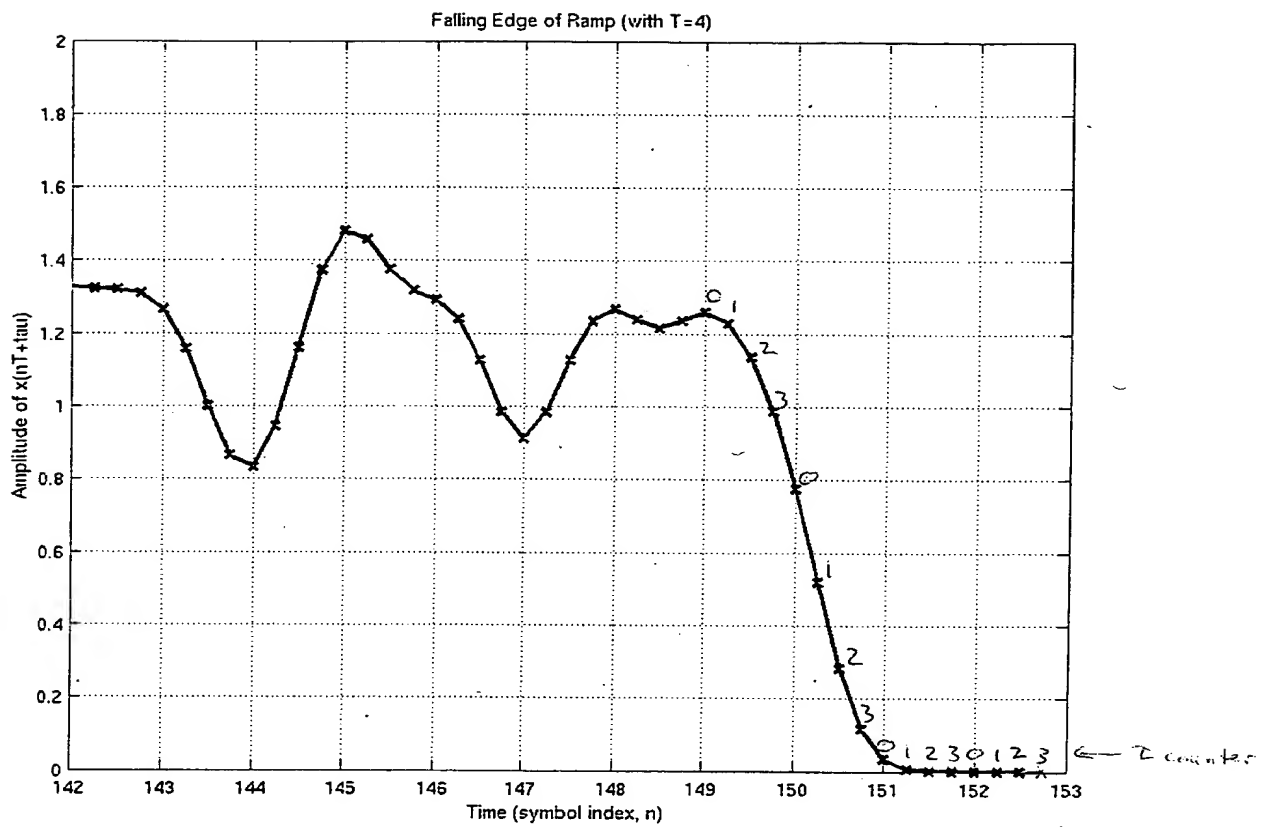


Fig. 10

Shift register contents



sts	$a_n$	$a_{n-1}$	$a_{n-2}$	$a_{n-3}$	$a_{n-4}$
$a_{142}$	$a_{142}$	$a_{141}$	$a_{140}$	$a_{139}$	$a_{138}$
$a_{146}$	$a_{147}$	$a_{145}$	$a_{144}$	$a_{143}$	$a_{142}$
$a_{145}$	$a_{146}$	$a_{147}$	$a_{144}$	$a_{145}$	$a_{144}$
$a_{144}$	$a_{145}$	$a_{146}$	$a_{147}$	$a_{146}$	$a_{147}$
$a_{143}$	$a_{144}$	$a_{145}$	$a_{146}$	$a_{147}$	$a_{146}$
$a_{142}$	$a_{143}$	$a_{144}$	$a_{145}$	$a_{146}$	$a_{147}$

Fig. 11



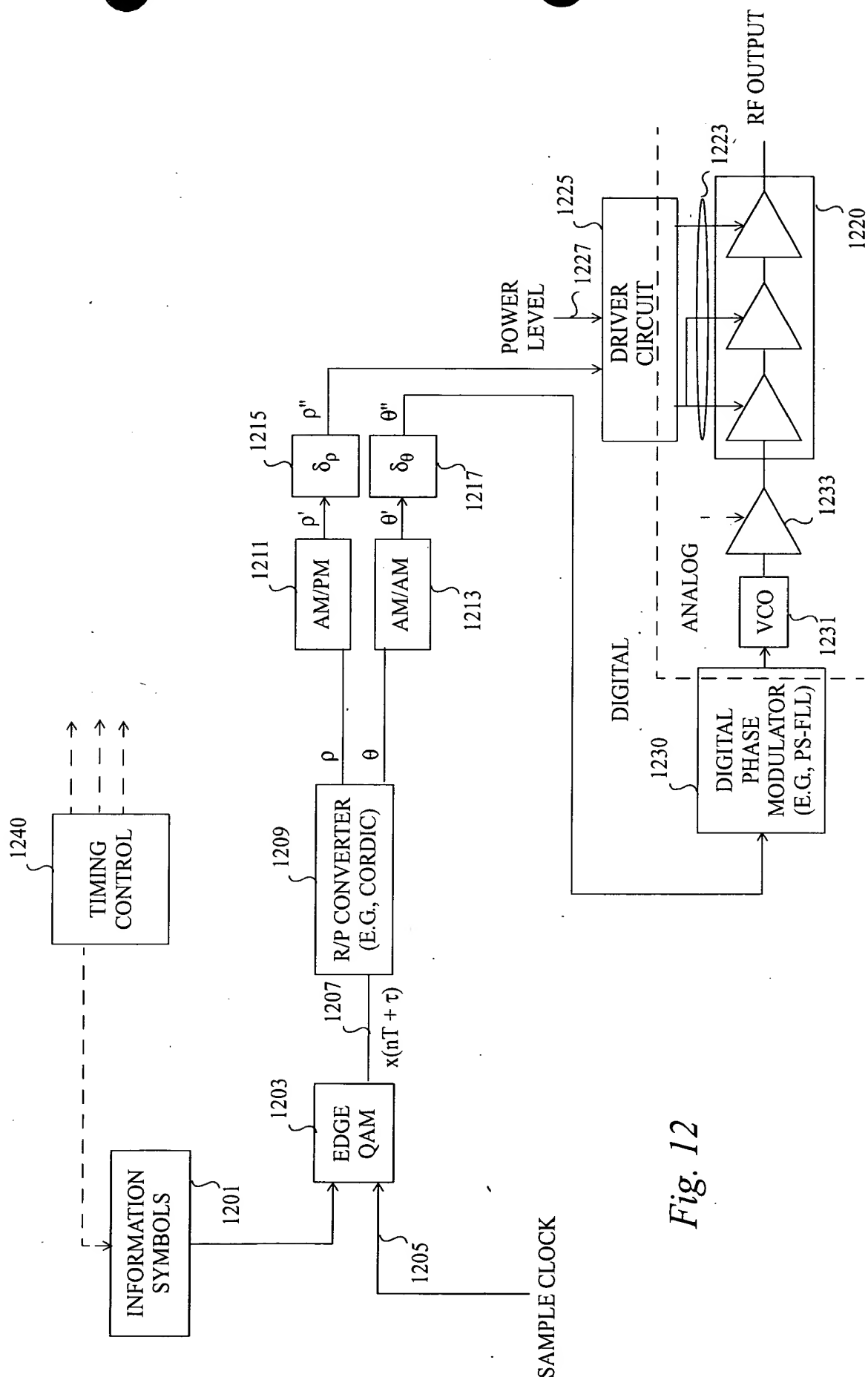


Fig. 12

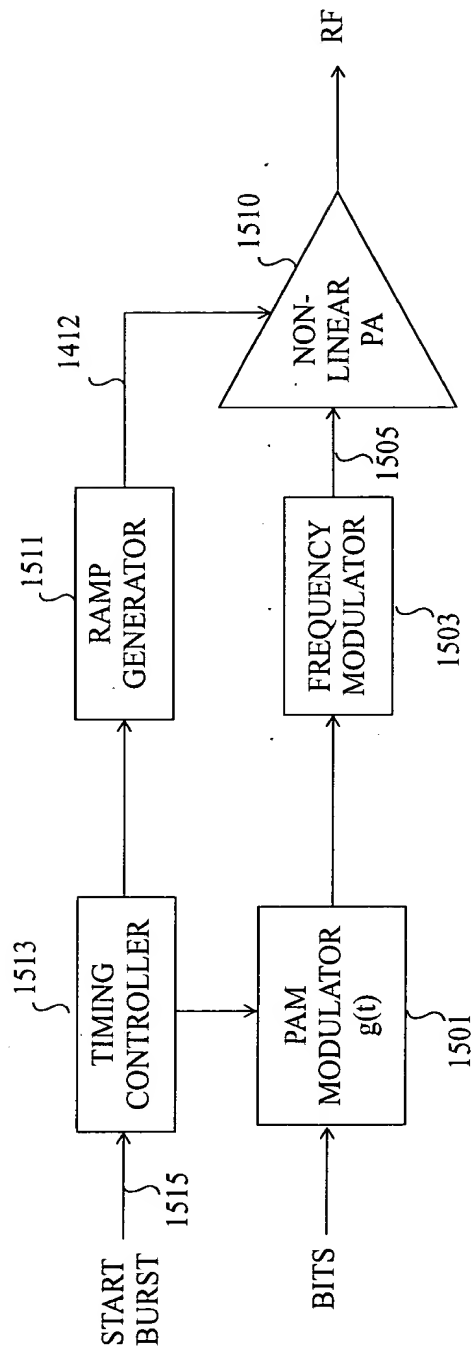


Fig. 15

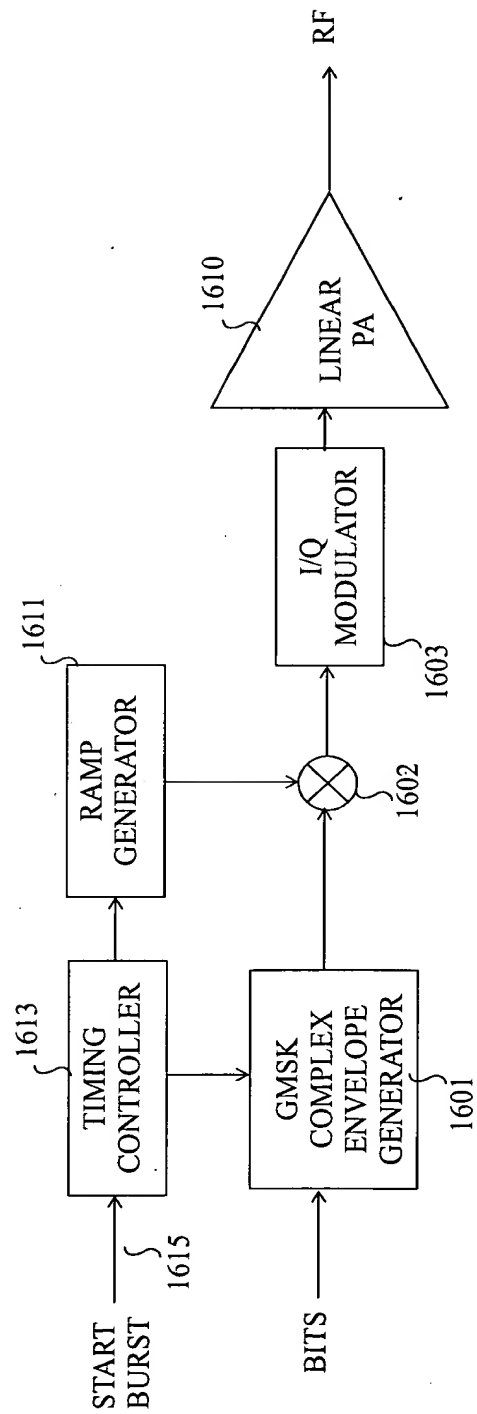


Fig. 16

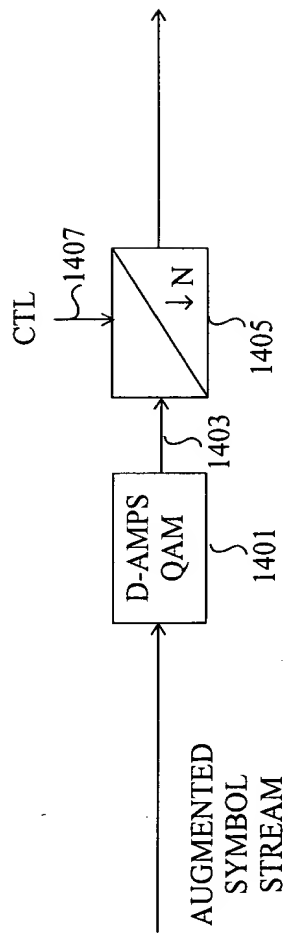


Fig. 14

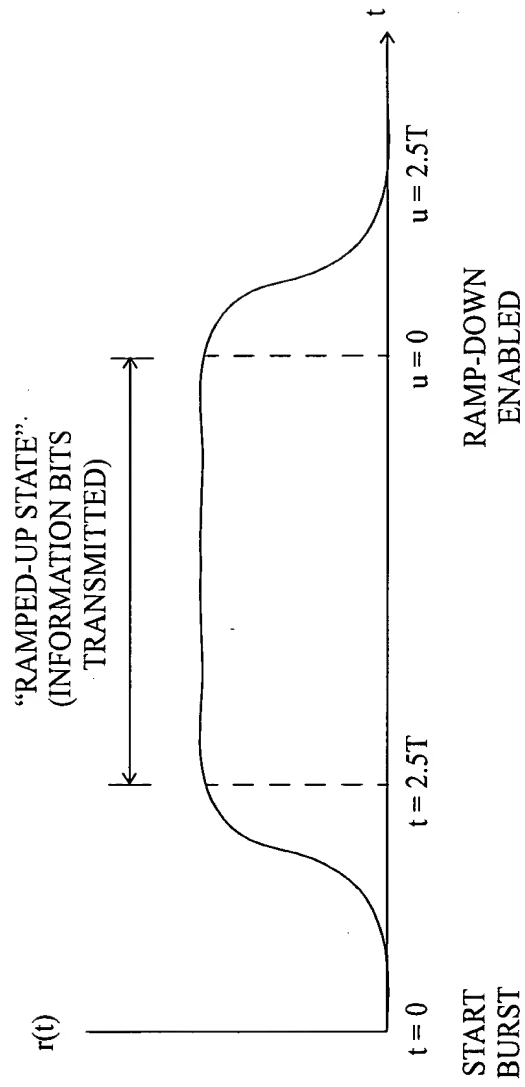


Fig. 17

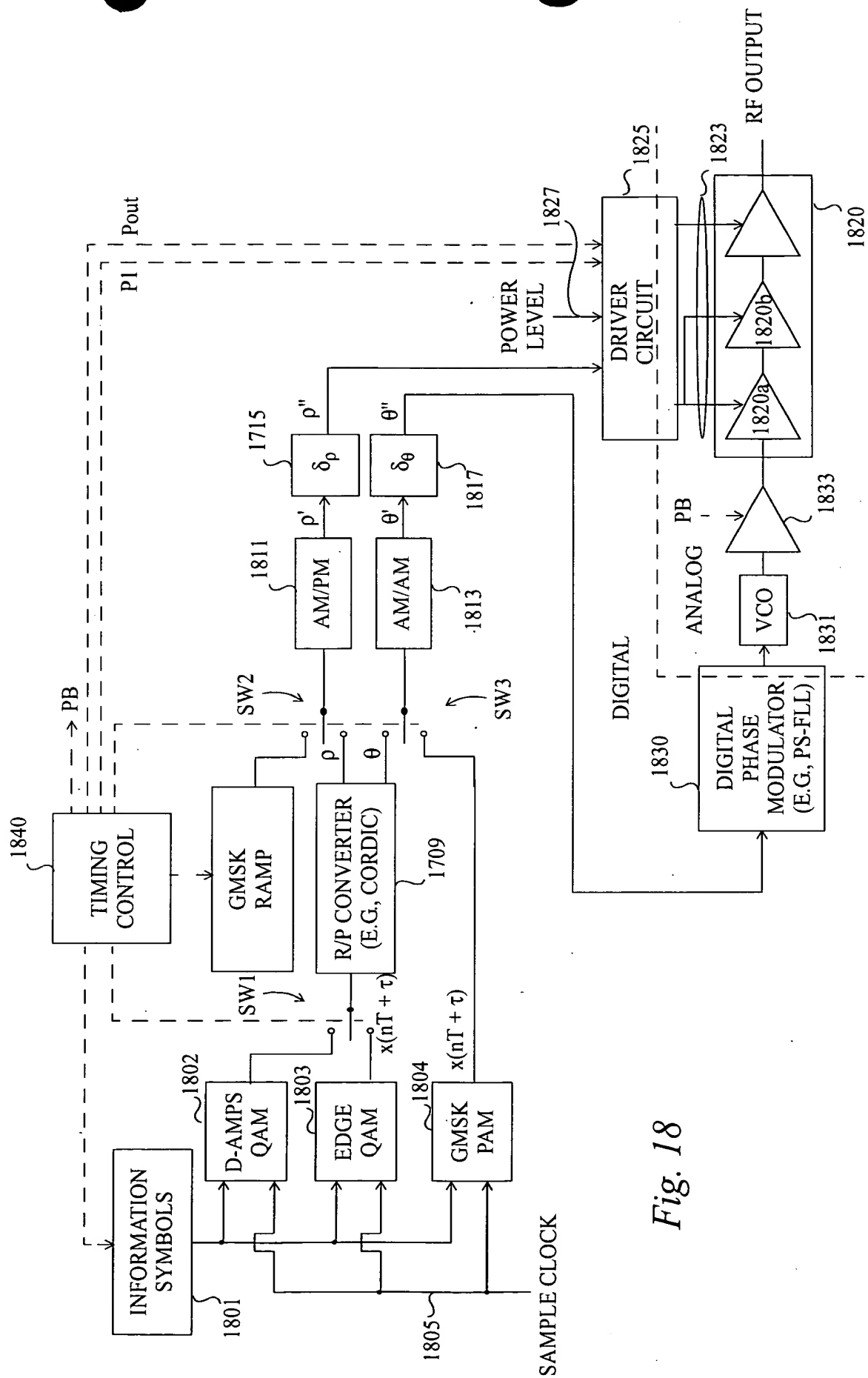


Fig. 18

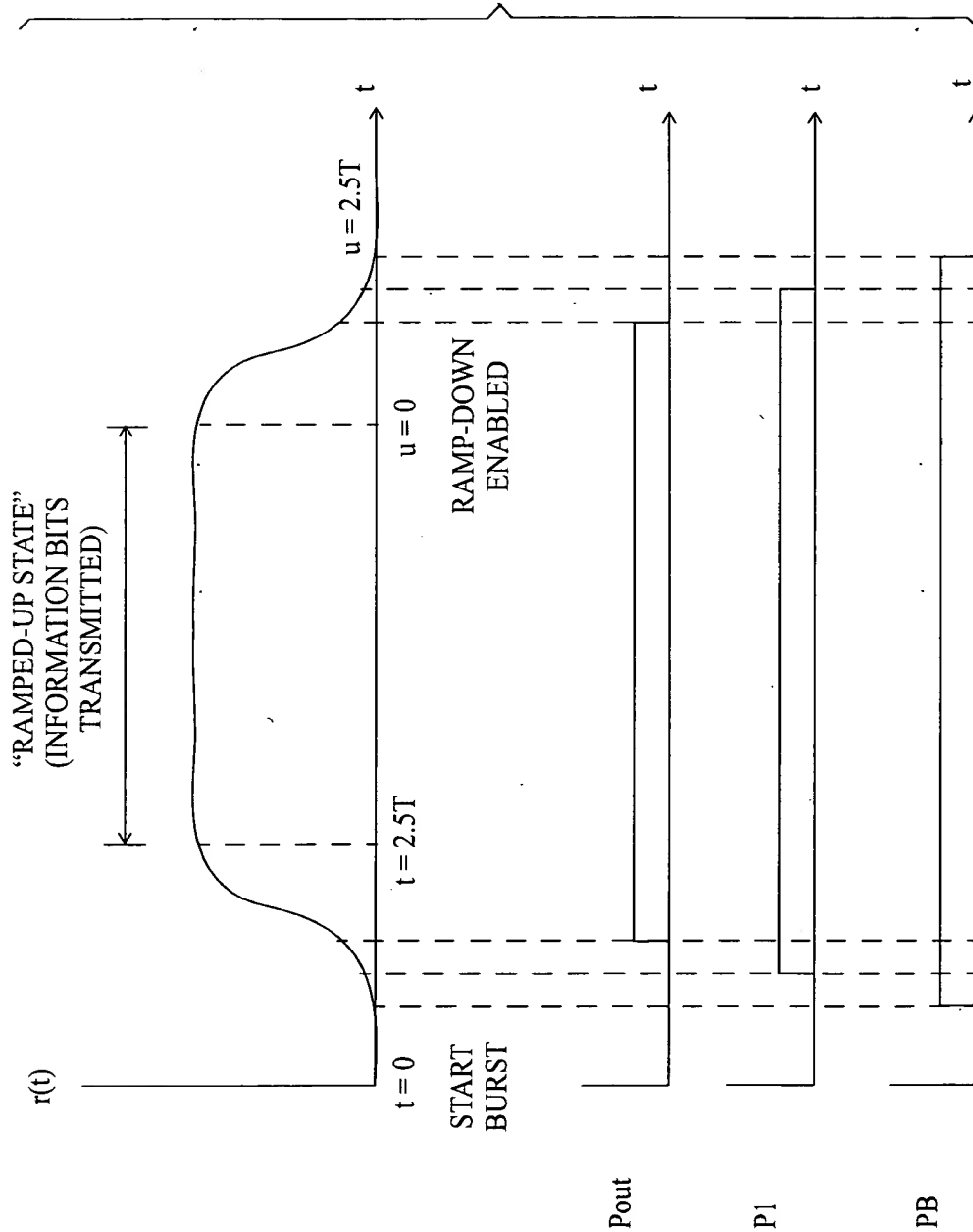


Fig. 19